| 1 (1800) 8 800 1800 1000 1000 1000 1000 100 |                                       |                  |           |  |                 |           |            |          |          |                 |          | 09/115,331      |          |           |              |                   |        |          |            |                 | MOSSBERG ET AL. |              |           |           |           |           |           |   |
|---|---------------------------------------|------------------|-----------|--|-----------------|-----------|------------|----------|----------|-----------------|----------|-----------------|----------|-----------|--------------|-------------------|--------|----------|------------|-----------------|-----------------|--------------|-----------|-----------|-----------|-----------|-----------|---|
|   |                                       |                  |           |  |                 |           |            |          |          | E               | Examiner |                 |          |           |              |                   |        |          |            | Art Unit        |                 |              |           |           |           |           |           |   |
|   | 111                                   |                  |           |  |                 |           |            |          |          |                 | 1        | Audrey Y. Chang |          |           |              |                   |        |          |            |                 | 2872            |              |           |           |           |           |           |   |
|   |                                       |                  | -         |  | Г               | Τ         | /TH        | roue     | ıh r     | 11 (27)         | erall    | rall (ler       |          |           |              |                   |        |          |            | П               |                 |              |           |           |           |           |           |   |
|   | √ Rejected – (Through numer Cancelled |                  |           |  |                 |           |            |          |          | N Non-Elected   |          |                 |          |           |              | A                 | Appeal |          |            |                 |                 |              |           |           |           |           |           |   |
|   |                                       | =                | Allo      | bew  | ÷               |           | Restricted |          |          |                 |          |                 |          | ı         | Interference |                   |        |          | 0          | Objected        |                 |              |           |           |           |           |           |   |
|   | Claim                                 |                  |           | Date   |                 |           | Claim      |          |          |                 | Dat      |                 |          | e         |              | Cla               |        | aim      | <br>       | Date            |                 |              |           |           |           | $\neg$    |           |   |
|   |                                       |                  |           | T  |                 | Π         |            |          |          | 12              | Τ        | П               |          |           |              |                   |        |          |            | П               |                 |              |           |           |           |           |           | • |
|   | Final                                 | . S              |           |  |                 |           |            | Final    | Origi    | 15              |          |                 |          |           |              |                   |        | Final    | Original   |                 |                 |              |           |           |           |           |           |   |
|   |                                       |                  |           |  |                 |           |            |          | 51       |                 |          |                 | #        | 1         |              |                   |        |          | 101        |                 |                 | $\downarrow$ |           |           |           |           |           |   |
|   | - 3                                   |                  |           |  | - -             | -         |            |          | 52<br>53 | $\mathbb{H}$    | +        | $\vdash$        |          | $\dashv$  | -            |                   |        |          | 102<br>103 | $\vdash \vdash$ | $\dashv$        | +            | +         | -         | H         | _         | $\dashv$  |   |
|   |                                       | -                |           |  | -               | +         |            |          | 54       | ╁┼              | +        | +               | $\dashv$ | $\dashv$  | +            | +                 |        |          | 103        | $\vdash \vdash$ | $\dashv$        | +            | +         | $\vdash$  | H         |           | $\dashv$  |   |
|   | 5                                     |                  |           |  |                 |           |            |          | 55       |                 |          |                 |          |           |              |                   |        |          | 105        |                 |                 |              | 工         | 匚         |           |           |           |   |
|   |                                       |                  |           |  |                 | _         |            |          | 56       | Ш               | 4        | $\sqcup$        | _        | $\perp$   | -            |                   |        |          | 106        | $\square$       | 4               | +            | -         | ├-        | 1         |           | $\dashv$  |   |
|   | 1                                     |                  |           |  |                 | ╁         | }          |          | 57<br>58 | ╂╂              | +-       | +               | $\dashv$ | +         | +            | +                 |        |          | 107<br>108 | H               |                 | +            | +         | ╁         | H         | $\dashv$  | $\dashv$  |   |
|   |                                       | <del>}  -</del>  |           | _  |                 | +         |            |          | 59       | H               | +        | $\Box$          | -+       | 十         | +            | $\Box$            |        |          | 109        | П               |                 | +            | 1         | 1         |           | $\exists$ | $\exists$ |   |
|   | 1                                     |                  |           |  |                 |           |            |          | 60       | Ш               |          | П               | $\Box$   | $\Box$    |              |                   |        |          | 110        |                 | $\Box$          |              | 1         |           |           |           |           |   |
|   | 1                                     | 1                | $\Box$    | _ - -  | - -             | —         |            | -        | 61       | -               | _        | ++              | +        | 4         | -            | +                 |        |          | 111<br>112 | $\vdash$        | -               | +            | +         | +         | -         |           | _         |   |
|   | 1                                     |                  |           |  | ┼┼              | +         | 1          |          | 62<br>63 | ╂┼              | +        | +               | +        | ÷         | +            | +-                |        |          | 113        | +-+             | -+              | +            | ╁╴        | ╁         |           |           | =         |   |
|   | 1                                     |                  |           |  | $\vdash$        |           |            |          | 64       |                 |          |                 |          | $\exists$ |              |                   |        |          | 114        |                 |                 |              |           |           |           |           |           |   |
|   | 1                                     | 5                |           |  |                 |           |            |          | 65       | П               |          |                 | $\Box$   |           |              |                   |        |          | 115        | П               |                 | $\perp$      |           | L         |           |           |           |   |
|   | 1                                     |                  | $\square$ |  | $\vdash$        | ┼         | <u>ا</u> ا |          | 66<br>67 | $\mathbb{H}$    |          | +-+             | +        | _         |              | +                 |        |          | 116<br>117 | $\vdash$        | +               | +            | ╀         | ╁         | ├         | $\dashv$  | $\dashv$  |   |
|   | 1                                     |                  |           |  | -               | +         | ╂          |          | 68       | H               | +        | ╂╾┼             | $\dashv$ | +         |              | +                 |        |          | 118        | ╁               |                 | +            | ╁         | ╁         | $\vdash$  | $\dashv$  | $\exists$ |   |
|   | 1                                     |                  |           |  |                 | $\dagger$ | 1          |          | 69       | H               | _        |                 | 7        |           |              |                   |        |          | 119        |                 |                 |              |           |           |           |           |           |   |
|   | 2                                     | þ                |           |  |                 |           |            |          | 70       | П               |          |                 | $\Box$   | $\Box$    | $\perp$      |                   |        |          | 120        |                 |                 | _            | 1         | 1_        | _         |           |           |   |
|   | 2                                     |                  |           |  | $\vdash$        | +-        |            |          | 71<br>72 | $\mathbb{H}$    | -        | +               | $\dashv$ | $\dashv$  | -            | +                 |        |          | 121<br>122 | $\vdash \vdash$ | $\dashv$        | +            | +-        | ╁         | $\vdash$  | $\vdash$  | -         |   |
|   | 2                                     | <u>k</u>         |           |  | $\vdash$        | 十         | 1 1        | $\dashv$ | 73       | ╂┼              | +        | 1-1             | +        | 十         |              | +                 |        |          | 123        | $\forall$       |                 | +            | +-        | 1         |           | $\vdash$  | $\dashv$  |   |
|   | 2                                     | <b>4</b>         |           |  |                 |           |            |          | 74       |                 |          |                 |          |           |              |                   |        |          | 124        |                 |                 |              |           |           |           |           |           |   |
|   | 2                                     | 5                |           |  |                 | $\bot$    |            |          | 75       | Ш               |          |                 |          | 1         | _            | $\perp$           |        |          | 125        | $\sqcup$        | _               |              |           | 1         | _         |           | Ц         |   |
|   | 2                                     | <u> </u>         | $\vdash$  |  | $\vdash$        | 4-        | ╢          |          | 76<br>77 | H               | +        | ++              | -        | +         |              | +                 |        |          | 126<br>127 | $\vdash$        | -               |              | +-        | +         |           |           | $\dashv$  |   |
|   | 2                                     |                  | +         |  | $\vdash \vdash$ | ╁         |            | -        | 78       | ╫┼              | $\dashv$ | ++              |          | $\dashv$  |              | $\pm$             |        |          | 128        | H               | $\dashv$        | _            | +         | +         | -         |           | $\dashv$  |   |
|   |                                       |                  |           |  |                 |           |            | 1        | 79       |                 |          |                 |          |           |              |                   |        |          | 129        |                 | $\Box$          |              |           |           |           |           |           |   |
|   | 3                                     | <b>Q</b>         |           |  |                 | $\perp$   |            |          | 80       | $\prod$         |          | $oxed{\Box}$    | [        | $\bot$    |              | $\Box$            |        |          | 130        | $\sqcup$        | 4               | - -          | +         | $\perp$   | -         |           | Щ         |   |
|   | 3                                     |                  | +         | <del>                                     </del> | - -             | +         | { }        |          | 81<br>82 |                 | $\dashv$ | ++              |          | $\dashv$  | -            | $\mathbb{H}$      |        |          | 131<br>132 | +               | $\dashv$        | - -          | +         | ╁         | $\vdash$  | $\vdash$  | $\dashv$  |   |
|   | 3                                     | <b>[</b>         | ++-       | <del>                                     </del> | $\vdash$        | +         | 1          |          | 83       | 1               | $\dashv$ | +               | 十        | $\dashv$  | $\dashv$     | $\forall$         |        |          | 133        | H               | +               | +            | $\dagger$ | +         |           |           | $\vdash$  |   |
|   | 3                                     | 4                |           |  |                 |           | ]          |          | 84       |                 |          |                 | 士        |           |              |                   |        |          | 134        |                 |                 |              |           |           |           |           |           |   |
|   | 3                                     | \$               |           |  |                 |           |            |          | 85       | $\Box$          |          | $\Box$          |          | $\Box$    |              | 口                 |        |          | 135        | $\Box$          | 4               | _            | 1         | 1         | <u> </u>  | Ц         | Щ         |   |
|   | 3                                     | <del>[</del>   - | +         |  | $\vdash\vdash$  | +         |            |          | 86<br>87 | $\vdash \vdash$ | +        | +               | +        | +         | -            | +                 |        |          | 136<br>137 | $\vdash$        | +               | +            | ╁         | $\vdash$  | $\vdash$  | Н         | H         |   |
|   | 3                                     | +                | ++        | <del>                                     </del> | +               | +         | ╬          | -        | 88       | $\vdash \vdash$ | +        | ++              | $\dashv$ | +         | $\dashv$     | $\forall \exists$ |        |          | 138        | 11              | +               | +            | +-        | $\dagger$ | $\dagger$ | H         | $\vdash$  |   |
|   | 3                                     | <b>9</b>         |           |  |                 |           |            |          | 89       |                 |          |                 |          | $\exists$ |              |                   |        |          | 139        |                 |                 |              |           |           |           |           |           |   |
|   | 4                                     | 4                |           |  |                 |           |            |          | 90       | П               | $\perp$  | $\Box$          | $\Box$   | $\Box$    | $\perp$      | $\Box$            |        |          | 140        |                 | _               |              | $\perp$   | L         | <u> </u>  | Ш         |           |   |
|   | 4                                     | #                |           | <del></del>                                      |                 | +         |            |          | 91<br>92 | $\vdash \vdash$ |          | +               | -        | $\dashv$  | +            | +                 |        |          | 141<br>142 | <del>  </del>   | $\dashv$        | +            | +         | ╀         | ┼         | Н         | H         |   |
|   | 4                                     |                  | +         | <del>-    </del>                                 | +               | +-        | ╁╟         |          | 93       | $\vdash \vdash$ | +        | +               | $\dashv$ | $\dashv$  | +            | +                 |        |          | 143        | +               | $\dashv$        | +            | +         | +         | +         | H         | H         |   |
|   | 4                                     | 4                |           |  |                 |           | ]          |          | 94       | 口               |          |                 |          | ╛         | 丁            |                   |        |          | 144        | П               |                 |              |           |           |           |           |           |   |
|   | 4                                     | \$               |           |  |                 | $\perp$   |            |          | 95       | П               | $\perp$  | П               |          | Ţ         | $\bot$       | 口                 |        |          | 145        |                 | $\dashv$        | $\bot$       | $\perp$   | Ĺ         | Ļ.        |           |           |   |
|   | 1 4                                   | 4                | +         |  | -               | +-        | ╢          |          | 96<br>97 | $\vdash \vdash$ | -        | +               | -        | +         | _            | +                 |        | <u> </u> | 146<br>147 | +               | +               | +            | +-        | ╄         | -         | $\vdash$  | Н         |   |
|   |                                       | 8                |           | <del>                                     </del> | +               | +         | ╢          |          | 98       | ╁┼              | +        | ╂╌┼             | $\dashv$ | $\dashv$  | +            | +                 |        |          | 148        | $\Box$          | $\dashv$        | 十            | +-        | +         | $\vdash$  | H         | Н         |   |
|   | 4                                     | 9   1            |           |  |                 | 工         | ]          |          | 99       |                 | $\perp$  |                 | 士        |           | 上            |                   |        |          | 149        |                 |                 | 土            |           |           |           |           |           |   |
|   | 5                                     | 0 7              |           |  |                 |           | ]::::[     |          | 100      |                 |          |                 | $\Box$   | $\Box$    |              |                   |        |          | 150        |                 | $\Box$          |              |           |           |           |           |           |   |
|   |                                       | •                | -         |  |                 |           |            |          |          |                 |          |                 |          |           |              |                   |        |          |            |                 |                 |              |           |           |           |           |           |   |

Application No.

Index of Claims

Applicant(s)